

O P T E  
I N F O R M A T I O N D I S C L O S U R E C I T A T I O N

1000 several sheets if necessary)

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U.S. PATENT AND TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A1	5,837,029	11/17/98	Behel, Jr. et al.	71	63	
A2	5,932,552	08/03/99	Blanchard et al.	514	21	
A3	6,029,395	02/29/00	Morgan	47	9	
A4	6,316,598	11/13/01	Van Dyke et al	530	357	

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
B1	CN 1137029	12/04/96	China			Abstract	
B2	CN 1137030	12/04/96	China			Abstract	
B3	HEI 9-59080	03/04/97	Japan			✓	
B4	PL 160363	03/31/93	Poland			Abstract	
B5	SU 378382	04/18/73	Russia			Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C1	Baolin, et al., "Study on a new type of amino-acid chelated trace fertilizer," Chemical Industry and Engineering, 13(4):40-46.
	C2	Choi, et al., "Developing a slow-release nitrogen fertilizer from organic sources: I. using nonviable bacteria," J. Amer. Soc. Hort. Sci. 121(4): 629-33, 1996.

EXAMINER /Deborah Ware/

DATE CONSIDERED

05/27/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Robert Allen Smith et al.

FILING  
November 17, 2003GROUP ART  
1754

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT APPLICATION PUBLICATIONS

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
B6	JP 2001087754	09/24/99	Japan			Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C3	Choi, et al., "Developing a slow-release nitrogen fertilizer from organic sources; II, using poultry feathers," J. Amer. Soc. Hort. Sci 121(4): 634-38, 1996
C4	Chye, "Human hair waste and its potential utilization," Journal of the Singapore National Academy of Science, (8): 76-80, 1979

EXAMINER	/Deborah Ware/	DATE CONSIDERED	05/27/2008
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Docket Number (Optional) <b>KER020/4-1DIVUS</b>		Application Number - <b>GAU: 165 10/715,337</b>
Applicant(s) <b>Robert Allen Smith et al.</b>		
Filing Date <b>November 17, 2003</b>	Group Art Unit <b>1754</b>	

<b>*EXAMINER INITIAL</b>	<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>	
C5	Dabek-Szreniawska, "Effect of keratin-carbamide fertilization on microorganisms in soil aggregates," Polish Journal of Soil Science, XXVI(1), 1993.	
C6	Hadas, et al., "Feather meal, a semi-slow-release nitrogen fertilizer for organic farming," Fertilizer Research 38:165-70, 1994.	
C7	O'Neil, "Science watch; oil spills? ask a hairdresser," The New York Times, Sec. F, Pg. 4, Col. 6, Science Desk, 6/9/1998.	
C8	Setti, et al., "Enhanced degradation of heavy oil in an aqueous system by a <i>pseudomonas</i> sp. in the presence of natural and synthetic sorbents," Bioresource Technology 67:191-99, 1999.	
C9	Sieveking, "Strange but true; barber uses his head to clean up soil spills hair," The Sunday Telegraph, 24, 1998.	
C10	Uhlenbrock, "Roots of the matter; barber swears by hair to make gardens grow," St. Louis Post-Dispatch, News, 1D, 5/12/1996.	
C11	Wainwright, et al., "Fertilizer potential of some commercially available forms of keratin and microbial biomass," Enzyme Microb. Technol. 7:108-110, 1985.	
C12	Williams, et al., "Low, controlled nutrient availability provided by organic waste materials for chrysanthemum," J. Amer. Soc. Hort. Sci. 117(3):422-429, 1992.	
<b>EXAMINER</b> /Deborah Ware/	<b>DATE CONSIDERED</b>	05/27/2008

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